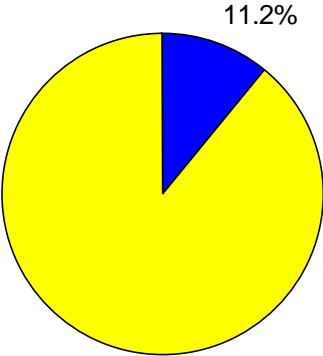


## Health Department

### 71-09-Communicable Disease

Fund/Agency: 001/71	Health Department	<div><b>CAPS Percentage of Agency Total</b>  <div>■ Communicable Disease ■ All Other Agency CAPS</div></div>
Personnel Services	\$3,576,983	
Operating Expenses	\$533,193	
Recovered Costs	\$0	
Capital Equipment	\$20,000	
<b>Total CAPS Cost:</b>	<b>\$4,130,176</b>	
Federal Revenue	\$0	
State Revenue	\$1,586,259	
User Fee Revenue	\$897,536	
Other Revenue	\$136,851	
<b>Total Revenue:</b>	<b>\$2,620,646</b>	
<b>Net CAPS Cost:</b>	<b>\$1,509,530</b>	
Positions/SYE involved in the delivery of this CAPS	63/63	

#### ► CAPS Summary

The Communicable Disease (CD) Program provides services to prevent and control the spread of communicable diseases of public health significance. These diseases include tuberculosis (TB), sexually transmitted disease (STD), HIV/AIDS, foodborne and other types of communicable illness. CD is a core public health function and the provision of services are defined and set in accordance with the State Board of Health. Also included in this program is the administration of foreign travel vaccines for County residents and the provision of medical care in the County's five homeless shelters.

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The TB program provides for the diagnosis and treatment of TB disease and infection through clinical services and case management. Program efforts are targeted to reduce the rate of TB disease to 7 cases per 100,000 population toward the Healthy People 2010 objective of 1 case per 100,000. During CY 2000, the population served in the TB program were primarily foreign-born to include refugees from over fifteen foreign countries (92 percent of active TB cases representing an increase from 84.4 percent during CY 1999). Approximately 50 percent were Asian and 26 percent Hispanic. All ages were represented with the majority between the ages of 25 and 40. Few clients served have access to health care other than the Health Department.

- The STD program provides for diagnosis and treatment of STDs, partner notification, referral services and epidemiological investigation of priority syphilis, HIV/AIDS, and gonorrhea cases. STD services are available without charge to all County residents; however, teens, young adults and individuals without health insurance primarily utilize this service. During FY 2000, 1,500 cases of STDs were treated in Health Department clinics.
- The HIV/AIDS program provides for community-based HIV prevention education and outreach, HIV testing and counseling, case management and medical care for clients with HIV. The HIV/AIDS program also administers the State AIDS Drug Assistance Program (ADAP) for income eligible clients. Program efforts are targeted to reduce the spread of HIV with an objective of maintaining the incidence of new HIV infections to less than the Virginia rate of 12 cases per 100,000 population toward the final Healthy People 2010 objective (yet to be determined). The FY 2000 rate of HIV infection in Fairfax County was 9.9 cases per 100,000 population.
  - HIV/AIDS Education Prevention Programs are available to all County residents; however, County employees, adolescents, young adults, minorities and individuals with high-risk behaviors primarily attend education prevention programs. HIV outreach is accomplished through County contracts with local community-based organizations (CBOs) that target specific high-risk groups within the community. During FY 2000, over 23,000 individuals were reached through outreach and/or educational efforts.
  - HIV counseling and testing is available to all County residents, although young adults at some level of risk for HIV infection primarily use this service. During FY 2000, nearly 4,000 individuals were provided HIV testing and counseling services.
- Patients receiving medical care for HIV infection in the Health Department's Case Management Program (CMP) average approximately 70 clients per year. Approximately 90 percent of all clients enrolled are at or below 200 percent of poverty. Nearly 50 percent of enrolled clients are African-American or African descent, 40 percent Caucasian and 10 percent others to include Hispanic.
- Individuals diagnosed with HIV/AIDS that have an income at or below 283.3 percent of the poverty level and are without insurance coverage, are eligible for ADAP, the State medication program. The Health Department administers this program and provides medication to approximately 210 County residents. Individuals enrolled in ADAP are primarily between the ages of 20 and 40 years old. Although the program serves a variety of racial/ethnic groups, African-Americans are disproportionately over represented.

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- The Communicable Disease Program provides oversight for medical services at the County's five Homeless Shelter Sites (Kennedy Shelter, Bailey's Shelter, Embry Rucker, Mondloch House and Shelter House). Shelter services include health education, health screening and examinations, immunizations, care coordination and referral. Services are provided by two nurse practitioners (1.125 SYE) providing 45 hours of service per week and public health nurses that visit each shelter weekly. During FY 2000, nearly 200 clinics were held and 1,300 residents served.
- The control of foodborne illness and specific reportable diseases is accomplished through surveillance and investigation. Samples of these illnesses include salmonella, measles, meningococcal meningitis and hepatitis A. During FY 2000, 520 communicable disease investigations were completed.
- All residents preparing for business trips, vacations abroad and return visits to native countries are eligible to utilize international travel clinics. Counseling, referral and administration of international travel vaccines are provided. During FY 2000, over 21,000 adult immunizations were given, representing a 12 percent increase since FY 1998.

### ► Method of Service Provision

Communicable disease services are provided by County and State funded employees. Services are provided directly through scheduled clinics at all five Health Department locations (Joseph Willard Health Center, Springfield District Office, Mt. Vernon District Office, Falls Church District Office, and the Herndon-Reston District Office), off-site or in community-based clinics, home visits and telephone contacts with clients; liaison activities with hospitals, correctional institutions and community organizations; and community health education programs. In addition, HIV/AIDS services are provided by community-based organizations (CBOs) and health care providers under County contracts managed by the Health Department. The TB program is augmented by three State-funded outreach workers that provide Directly Observed Therapy (DOT) for individuals with suspected and confirmed cases of TB. Two Health Department sites offer chest x-ray services to determine the status of TB infection and all sites offer specimen testing and collection to determine TB infectiousness. The aforementioned TB services are available to private physicians in the care of their TB patients at no charge.

Nurse Walk-In Clinics/ Nurse and MD Appointment Clinics: Health professionals provide services Monday through Friday from 8:00 a.m. to 4:30 p.m. with early morning (7:30 a.m.) and evening clinic hours (until 6:00 p.m.) scheduled throughout the week at all five Health Department locations.

X-ray Clinics: Held daily from 8:00 a.m. to 4:30 p.m. at two Health Department locations (Joseph Willard Health Center and the Falls Church District Office). Clinic provides chest x-rays to determine TB infection and status of TB disease.

TB/Refugee Clinics: These services are incorporated into the nurse walk-in, nurse appointment and MD appointment clinic schedule. The clinic provides education, monitoring and treatment for clients, including refugees, with TB infection and other health-related needs.

Regional Chest Clinic: Held twice a month each at two Health Department locations (Joseph Willard Health Center and the Falls Church District Office). Hours are 4:00 p.m. to 8:00 p.m. and services include the diagnosis, treatment, follow-up and referral of TB suspects and active cases.

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**STD Clinics:** Walk-in clinics are held weekly at all five Health Department locations. Clinics located at the Springfield District Office and the Joseph Willard Health Center have evening hours from 5:00 p.m. to 6:30 p.m. Daytime hours vary depending on office location.

**International Travel Clinic:** These services are incorporated into the nurse walk-in, nurse appointment and MD appointment clinic schedule.

**HIV Testing:** Anonymous HIV testing is held weekly at the Joseph Willard Health Center from 5:00 p.m. to 6:30 p.m. Confidential HIV testing is offered during nurse walk-in clinic and STD clinics throughout the week at all five Health Department locations.

**Case Management Clinic (CMP):** Held monthly at the following Health Department locations:

Mount Vernon District Office	1:30 p.m. to 7:00 p.m.
Springfield District Office	1:30 p.m. to 7:00 p.m.
Herndon-Reston District Office	1:30 p.m. to 7:00 p.m.

Services provided include counseling, treatment and referral for individuals with HIV/AIDS. In addition, HIV prevention education programs are available weekdays, evenings and weekends at various locations throughout Fairfax County.

### ► Performance/Workload Related Data

Title	FY 1998 Actual	FY 1999 Actual	FY 2000 Actual	FY 2001 Estimate	FY 2002 Estimate
Clients receiving HIV outreach and education	30,568	30,001	23,203	30,000	30,000
HIV counseled and tested	4,234	4,234	3,839	4,000	4,000
HIV early intervention caseload	113	117	82	90	90
HIV symptomatic care	20	20	20	20	20
Adults with TB tested for HIV	N/A	N/A	55%	75%	75%
Number and percent satisfied with HIV prevention programs	4,902 (99%)	6,665 (98%)	6,335 (98%)	95%	95%
Number and percent satisfied with HIV/AIDS early intervention and continuing care	11 (100%)	8 (100%)	12 (100%)	95%	95%
Number and percent positive receiving HIV counseling and referral to care	29 (86%)	20 (95%)	43 (96%)	90%	90%

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Title	FY 1998 Actual	FY 1999 Actual	FY 2000 Actual	FY 2001 Estimate	FY 2002 Estimate
Percent of participants who met HIV program objectives	N/A	2,037 (31%)	6,252 (98%)	95%	95%
Clients served in TB screening prevention and case management	14,603	16,769	17,121	16,000	16,000
Clients served in STD program	3,382	3,607	3,711	3,600	3,600
Communicable disease investigations	507	487	520	500	500
Adult immunizations given	18,493	18,884	21,065	21,000	21,000
Percent of cases reviewed meeting established guidelines	95%	95%	95%	95%	95%
Percent satisfied with communicable disease program	N/A	94%	95%	95%	95%
Number and percent of TB cases discharged completing therapy	71 (98%)	56 (98%)	52 (100%)	95%	95%
Number and percent of contacts and other high-risk persons with LTBI completing recommendations for preventive therapy	N/A	N/A	69 (64%)	75%	75%
Number and percent of STD cases treated	1,608 (100%)	1,459 (100%)	1,500 (100%)	1,500 (100%)	1,500 (100%)

### ► Mandate Information

This CAPS is Federally or State mandated. The percentage of this CAPS' resources utilized to satisfy the mandate is 76 - 100%. The specific Federal or State code and a brief description of the code follows:

- Code of Virginia 32.1-39, 47, 50, 54 and 57. Communicable Disease is a State mandated service.

## Health Department

### ► User Fee Information

Subobject Code	Fee Title	FY 2002 ABP Fee Total
0663	Fees - X-ray	\$25,005
<b>Current Fee</b>		<b>Maximum Allowable Fee Amount</b>
\$25.00		Medicaid allowable rate as adopted by Board of Health.
<b>Purpose of Fee:</b> To offset the cost of services defined by statute or Virginia State Board of Health.		
Levy Authority	Requirements to Change the Fee	Year Fee Was Last Adjusted
State Board of Health	Not Applicable.	2001
<b>Other Remarks:</b>		

Subobject Code	Fee Title	FY 2002 ABP Fee Total
0664	Fees - General Medical Clinic	\$872,531
<b>Current Fee</b>		<b>Maximum Allowable Fee Amount</b>
<ul style="list-style-type: none"> <li>Medicaid Pre-admission Screening and Reimbursement Rate: \$51.75/ screen</li> </ul>		Medicaid Pre-admission Screening: \$51.75/screen
<ul style="list-style-type: none"> <li>TB control services; STD screening, treatment and referral; Communicable Disease Investigations; HIV testing, counseling and education; ADAP the State medication program – no fee for service.</li> <li>TB medications are charged according to Health Department cost. Sliding scale used.</li> <li>Foreign Travel Vaccines – fee for vaccine and physician consult. No sliding scale.</li> <li>HIV Case Management Program (CMP) – fees set according to County fee scale for Income levels E and F. No fee for individuals in income levels A through D.</li> </ul>		Fees are set in accordance with the Virginia State Board of Health.
<b>Purpose of Fee:</b> Reimbursement for Medicaid Pre-Admission Screenings by Virginia Department of Medical Assistance.  The majority of revenue comes from international travel.  To offset the cost of services defined by statute or Virginia State Board of Health.		
Levy Authority	Requirements to Change the Fee	Year Fee Was Last Adjusted
Board of Health	Not applicable	2001
<b>Other Remarks:</b> Medicaid pre-admission screenings are also applicable to Adult Senior Services.		